Message

From: Krista McKim [McKim.Krista@epamail.epa.gov]

Sent: 12/28/2017 9:48:44 PM

To: McKim, Krista [mckim.krista@epa.gov]

Subject: Fw: PolyMet EIS - Cooperating Agencies Mercury Issues Session - Follow-up Items and Presentations **Attachments**: PolyMet Mercury_071012_GP FDL.pdf; PolyMet Mercury_Themes & Notes_071012 Meeting.pdf; Polymet

Mercury 071012 Baumann Johnson.pdf; PolyMet Mercury 071012 attendance list.pdf; PolyMet

Mercury_071012_Carey.pdf; PolyMet Mercury_071012_Swain.pdf; PolyMet Mercury_071012_Walter.pdf; PolyMet

Mercury 071012 Monson.pdf

Krista McKim, PE
Environmental Engineer
NPDES Programs Branch, Water Division
US Environmental Protection Agency
Region 5, WN-16J
77 W Jackson Blvd
Chicago, IL 60604

ph: 312.353.8270 fax: 312.697.2734 mckim.krista@epa.gov

--- Forwarded by Krista McKim/R5/USEPA/US on 12/28/2017 03:48 PM ----

From: "Johnson, Bill H (DNR)" <bill.johnson@state.mn.us>

To: 'Deb McGovern' < Deb.McGovern@erm.com>, 'Steven Peterson' < Steven.Peterson@erm.com>, Ryan Lisson@erm.com>, Nancy Schuldt < NancySchuldt@FDLREZ.COM>, Alexander Jackson < Alexander Jackson@FDLREZ.COM>, Joy Wiecks < JoyWiecks@FDLREZ.COM>, "watkins@boreal.org" < watkins@boreal.org>, ""rozeberens@yahoo.com" < rozeberens@yahoo.com>, "latady, Bill" < blatady@boisforte-nsn.gov>, ""Hingsberger, Thomas J MVP" < thomas.j.hingsberger@usace.army.mil>, "Bruner, Douglas W MVP" < Douglas.W.Bruner@usace.army.mil>, "Nick_Rowse@fws.gov" < Nick_Rowse@fws.gov" < Nick_Rowse@fws.gov", Esteban Chiriboga < edchirib@wisc.edup. Sara Moses < s.moses@glifwc.org>, "Darren Vogt (dvogt@1854treatyauthority.org)" < dvogt@1854treatyauthority.org>, "Foss, Ann (MPCA)" < ann.foss@state.mn.us>, "Koelfgen, Katie E (MPCA)" < koelfgen@state.mn.us>, "Baumann, Suzanne (MPCA)" < suzanne.baumann@state.mn.us>, "Clark, Richard (MPCA)" < richard.clark@state.mn.us>, "Swain, Ed (MPCA)" < edward.swain@state.mn.us>, "Monson, Bruce A (MPCA)" < brune.monson@state.mn.us>, "Walter, Rebecca (MPCA)" < rebecca.walter@state.mn.us>, "Carey, Patrick (MPCA)" < patrick.carey@state.mn.us>, "Kennedy, Mike (MPCA)" < mike.kennedy@state.mn.us>, "Idd, Jeff (MPCA)" < jeff.udd@state.mn.us>, "Hoff, Paul (MPCA)" < paul.hoff@state.mn.us>, "Tomasek, Mark (MPCA)" < mark.tomasek@state.mn.us>, Michael Sedlacek/R5/USEPA/US@EPA, James Grimes/R5/USEPA/US@EPA, Thomas Poleck/R5/USEPA/US@EPA, Christine Wagener/R5/USEPA/US@EPA, David Pfeifer/R5/USEPA/US@EPA, Melanie Haveman/R5/USEPA/US@EPA, Barbara Wester/R5/USEPA/US@EPA, Linda Holst/R5/USEPA/US@EPA, Krista McKim/R5/USEPA/US@EPA, "Hiti, Brian (IRR)" < brune.monson.get.get.us>, "Rye, Marty E - FS" < mrye@fs.fed.us>,

Cc: 'Al Trippel' <Al. Trippel@erm.com>, 'Steven Koster' <Steven.Koster@erm.com>, 'David Blaha@erm.com>, "Colvin, Steve E (DNR)" <Steve.Colvin@state.mn.us>, "Carlson, Erik (DNR)" <Erik.Carlson@state.mn.us>, "thale@fs.fed.us" <thale@fs.fed.us", "Arkley, Stuart (DNR)" <Stuart.Arkley@state.mn.us>, "Bruner, Douglas W MVP" <Douglas.W.Bruner@usace.army.mil>, Ryan Lisson <Ryan.Lisson@erm.com>, "Johnson, Bill H (DNR)" <bill.johnson@state.mn.us>

Date: 07/18/2012 03:07 PM

Subject: PolyMet EIS - Cooperating Agencies Mercury Issues Session - Follow-up Items and Presentations

For Your Information.

You are receiving this email because you participated in the PolyMet EIS Cooperating Agencies Mercury Issues Session held on July 10, 2012. The purpose of the meeting was to provide a check-in to ensure that Co-lead Agencies understanding of mercury-related concerns with the project is current for consideration in SDEIS chapter development.

For your records attached please find the following meeting-related documents:

File: "PolyMet Mercury_Themes & Notes_071012.pdf" This is the written, high-level meeting summary.

File: "PolyMet Mercury_071012_Swain.pdf"

This is Ed Swain's "Overview of Mercury Cycle" presentation.

File: "PolyMet Mercury_071012_Monson.pdf"

This is Bruce Monson's "Science of Statewide TMDL" presentation.

File: "PolyMet Mercury_071012_Walter.pdf"

This is Rebecca Walter's "Implementation Status of Statewide TMDL" presentation.

File: "PolyMet Mercury_071012_Carey.pdf"

This is Pat Carey's and Mike Kennedy's "Development Status of St. Louis River Toxics TMDL" presentation.

File: "PolyMet Mercury_071012_GP FDL.pdf"

This is Nancy Schuldt's and Margaret Watkins' "Tribal Water Quality Standards and Research" presentation.

File: "PolyMet Mercury 071012 Baumann Johnson.pdf"

This is Suzanne Baumann's and Bill Johnson's "Projected PolyMet Mercury Contributions" presentation.

File: "PolyMet Mercury_071012_attendance list.pdf"

This is the list of meeting attendees.

Outstanding action items include:

- Sending Marty Rye methyl mercury documents
- Identifying how the mine site mercury balance addresses any potential "mercury pulse" associated with overburden removal
- Consider bringing cumulative mercury deposition modeling to the St. Louis River (and associated watershed)

Special thanks are offered to the AM presenters, specifically:

Ed Swain
Bruce Monson
Rebecca Walter
Pat Carey
Mike Kennedy
Nancy Schuldt
Margaret Watkins
Suzanne Baumann

Working on presentations like this over the late spring-early summer months can be challenging for technical staff, especially those with responsibilities in the field. The presentations provided a significant contribution to the day that is deeply appreciated.

As was shared at the meeting, mercury is an issue that operates at multiple scales, across multiple media, with real impacts to the environment and people. The ERM technical team certainly benefitted from the day. It is the working groups' hope that all participants gained some degree of insight from the meeting.

That's it. Bill J. (for the Co-lead Agencies PMs: Hingsberger; Hale; Carlson; Arkley)

Bill Johnson, Mining Section Lead Environmental Policy & Review Unit MDNR Division of Ecological & Water Resources, Box 25 500 Lafayette Road St. Paul, MN 55155 651-259-5126

bill.johnson@state.mn.us(See attached file: PolyMet Mercury_Themes & Notes_071012 Meeting.pdf)(See attached file: PolyMet Mercury_071012_Walter.pdf)(See attached file: Polymet Mercury_071012_Baumann Johnson.pdf)(See attached file: PolyMet Mercury_071012_Carey.pdf)(See attached file: PolyMet Mercury_071012_GP FDL.pdf)(See attached file: PolyMet Mercury_071012_Monson.pdf)(See attached file: PolyMet Mercury_071012_attendance list.pdf)